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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/075,534	02/14/2002	Martin P. Nally	5577-129CT	9748

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PO BOX 37428
RALEIGH, NC 27627

EXAMINER

CHEN, TE Y

ART UNIT	PAPER NUMBER
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2171

DATE MAILED: 08/19/2004

4

Please find below and/or attached an Office communication concerning this application or proceeding.

SK

Office Action Summary

Application No.

10/075,534

Applicant(s)

NALLY ET AL.

Examiner

Susan Y Chen

Art Unit

2171

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,6,9,14,17 and 22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1,6,9,14,17 and 22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claims 1, 6, 9, 14, 17 and 22 remained for examination, claims 2-5, 7-8, 10-13, 15-16, 18-21, 23 and 24 are canceled by the preliminary amendment filed on 02/14/2002.

Specification

The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicants' cooperation are requested in correcting any errors of which applicants may become aware in the specification.

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1, 6, 9, 14, 17 and 22 rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-18 of U.S. Patent No. 6,542,885. Although the conflicting claims are not identical, they are not patentably distinct from each other because:

Claims 1, 6, 9, 14, 17 and 22 of the present application merely repeat the features of claims 1-18 of the parent application, now U.S. Patent No. 6,542,885 with fewer limitations. However, it is obvious for an ordinary skilled artisan at the time the invention was made to remove limitations from a claim, such that the invention can be further protected with a broader range by the patent.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 6, 9, 14, 17 and 22 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,298,478 issued to Nally et al.

The applied reference has a common assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

As to claims 9 and 14, Nally et al. (hereinafter referred as Nally) disclosed a multiple transaction data processing environment having controlled variables [Abstract] wherein the system comprising:

means for receiving an action request to perform an action associated with the variable [e.g., the development tool derived from external interface of the EJB, col. 2, lines 1-7];

means for determining a transaction associated with the variable [e.g., the Enterprise Java Bean Container/Wrapper, col. 4, lines 17-20] which including means for setting the transaction status associated with the variable as an active transaction, so as to replace the current transaction [e.g., the Copying means at the step 720, Fig. 7A; col. 17, lines 24-33; the Enterprise Java Bean Version Updating technique at Fig. 8A-B and associated texts];

means for establishing, responsive to the received action request, the determined transaction associated with the variable as the active transaction irrespective of a current active transaction [e.g., Fig(s). 7A-B and associated texts];

means for performing the action corresponding to the action request [e.g. the processor (212, Fig. 2) coupled to the User Interface Adapter (216, Fig. 2) to process the commit, merging and cancel requests, col. 6, lines 19-33; Fig(s). 9 A-B and associated texts].

As to claims 1 and 6, the steps in the claimed method are deemed to be made inherent by the functions of the apparatus structure recited in the claims 9 and 14 as a combination discussed above, hence were rejected for the same reasons.

As to claims 17 and 24, these claims repeat the same limitations of apparatus claims 1, 6, 9 and 14 in form of software product. Since the means/methods of these claims has been shown to be taught or fairly suggested by Nally, it is apparent that he disclosed or fairly suggested the media or program product for performing the recited system functions as well. As such, these claims are rejected for the same reasons given above.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Fontana et al., U.S. patent No. 6,167,564; Taylor et al., U.S. patent No. 6,256,676; Freund et al. (U.S. patent No. 5,768,587).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susan Y Chen whose telephone number is (703) 308-1155. The examiner can normally be reached on Monday - Friday from 7:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on (703) 308-1436. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Susan Y Chen
Examiner
Art Unit 2171

August 11, 2004



UYEN LE
PRIMARY EXAMINER